

Docket No. 247252US2S DIV

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Keiji HOSOTANI

SERIAL NO: NEW DIVISIONAL APPLICATION

GAU:

FILED: HEREWITH

EXAMINER:

FOR: SEMICONDUCTOR MEMORY DEVICE UTILIZING TUNNEL MAGNETO RESISTIVE EFFECTS AND METHOD FOR MANUFACTURING THE SAME

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wishes to make of record the references listed on the attached PTO-1449 form. Copies of the listed references were made of record in parent application serial no. 10/225,247, filed August 22, 2002, as were either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

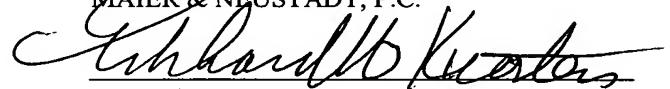
- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Eckhard H. Kuesters

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Customer Number

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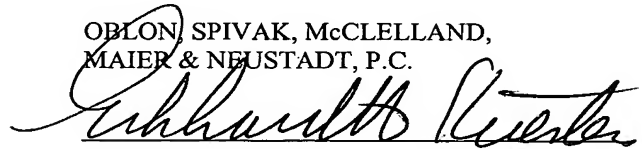
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| Form PTO 1449 (Modified) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY DOCKET NO. 247252US2S DIV | | SERIAL NO. New Div. Application | |
|--|----|---|------------|-----------------------------------|--|--|-------------------------------|
| LIST OF REFERENCES CITED BY APPLICANT | | | | APPLICANT Keiji HOSOTANI | | | |
| | | | | FILING DATE HEREWITH | | GROUP | |
| | | | | | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | AA | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
| | AA | 6,072,718 | 06/06/00 | ABRAHAM ET AL | | | |
| | AB | 2001/0035545 | 11/01/01 | SCHUSTER-WOLDAN ET AL | | | |
| | AC | 5,936,882 | 08/10/99 | DUNN | | | |
| | AD | 6,048,739 | 04/11/02 | HURST ET AL | | | |
| | AE | 6,278,631 | 08/21/01 | NAJI | | | |
| | AF | 5,883,828 | 03/16/99 | CUCHIARO ET AL | | | |
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| | AM | | | | | | |
| | AN | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION YES NO | | |
| | AO | 2001-357666 | 12/26/01 | JAPAN | | | X |
| | AP | 2001-217398 | 08/10/01 | JAPAN (w/ENGLISH ABSTRACT) | | | X |
| | AQ | 2002-157874 | 05/31/02 | JAPAN (w/ENGLISH ABSTRACT) | | | x |
| | AR | | | | | | |
| | AS | | | | | | |
| | AT | | | | | | |
| | AU | | | | | | |
| | AV | | | | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
| | AW | Roy SCHEUERLEIN, et al., "A 10ns Read and Write Non-Volatile Memory Array Using a Magnetic Tunnel Junction and FET Switch in each Cell", ISCC 2000/SESSION 7/TD: EMERGING MEMORY & DEVICE TECHNOLOGIES/PAPER TA 7.2, 2000 IEEE International Solid-State Circuits Conference, February 8, 2000, pgs. 126-133. | | | | | |
| | AX | Peter K. NAJI, et al., "A 256kb 3.0V 1T1MTJ Nonvolatile Magnetoresistive RAM", ISSCC 2001/SESSION 7/TECHNOLOGY DIRECTIONS: ADVANCED TECHNOLOGIES/7.6, TECHNOLOGY DIGEST, 2001 IEEE International Solid-State Circuits Conference, 11 pgs. | | | | | |
| | AY | | | | | | |
| | AZ | | | | | <input type="checkbox"/> Additional References sheet(s) attached | |
| Examiner | | | | | Date Considered | | |

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.